

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09B67/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE WPI Section Ch, Week 198440 Derwent Publications Ltd., London, GB; Class A14, AN 1984-246087 XP002314098 & JP 59 147039 A (NISSHIN STEEL CO LTD) 23 August 1984 (1984-08-23) cited in the application abstract	1,6,7
A	DATABASE WPI Section Ch, Week 200351 Derwent Publications Ltd., London, GB; Class A23, AN 2003-535525 XP002314099 & JP 2002 201347 A (NIPPON PIGMENT KK) 19 July 2002 (2002-07-19) abstract	1,6,7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

31/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ketterer, M

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Section Ch, Week 198814 Derwent Publications Ltd., London, GB; Class A89, AN 1988-095627 XP002314100 & JP 63 046472 A (MINOLTA CAMERA KK) 27 February 1988 (1988-02-27) abstract</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 198803 Derwent Publications Ltd., London, GB; Class E24, AN 1988-018157 XP002314101 & JP 62 280779 A (FUJI XEROX CO LTD) 5 December 1987 (1987-12-05) abstract</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 198715 Derwent Publications Ltd., London, GB; Class A89, AN 1987-105968 XP002314102 & JP 62 054275 A (RICOH KK) 9 March 1987 (1987-03-09) abstract</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 200022 Derwent Publications Ltd., London, GB; Class A60, AN 2000-251708 XP002314103 & JP 2000 063699 A (DAINIPPON INK & CHEM INC) 29 February 2000 (2000-02-29) cited in the application abstract</p>	1,6,7

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 59147039	A	23-08-1984	NONE	
JP 2002201347	A	19-07-2002	JP 3379945 B2	24-02-2003
JP 63046472	A	27-02-1988	NONE	
JP 62280779	A	05-12-1987	NONE	
JP 62054275	A	09-03-1987	JP 6054397 B	20-07-1994
JP 2000063699	A	29-02-2000	NONE	

C.(Fortsetzung) ALS WESENTLICH ANGESEHENE UNTERLAGEN

Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
A	<p>DATABASE WPI Section Ch, Week 198814 Derwent Publications Ltd., London, GB; Class A89, AN 1988-095627 XP002314100 & JP 63 046472 A (MINOLTA CAMERA KK) 27. Februar 1988 (1988-02-27) Zusammenfassung</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 198803 Derwent Publications Ltd., London, GB; Class E24, AN 1988-018157 XP002314101 & JP 62 280779 A (FUJI XEROX CO LTD) 5. Dezember 1987 (1987-12-05) Zusammenfassung</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 198715 Derwent Publications Ltd., London, GB; Class A89, AN 1987-105968 XP002314102 & JP 62 054275 A (RICOH KK) 9. März 1987 (1987-03-09) Zusammenfassung</p>	1,6,7
A	<p>DATABASE WPI Section Ch, Week 200022 Derwent Publications Ltd., London, GB; Class A60, AN 2000-251708 XP002314103 & JP 2000 063699 A (DAINIPPON INK & CHEM INC) 29. Februar 2000 (2000-02-29) in der Anmeldung erwähnt Zusammenfassung</p>	1,6,7

Im Recherchenbericht angeführtes Patentdokument		Datum der Veröffentlichung	Mitglied(er) der Patentfamilie	Datum der Veröffentlichung
JP 59147039	A	23-08-1984	KEINE	
JP 2002201347	A	19-07-2002	JP 3379945 B2	24-02-2003
JP 63046472	A	27-02-1988	KEINE	
JP 62280779	A	05-12-1987	KEINE	
JP 62054275	A	09-03-1987	JP 6054397 B	20-07-1994
JP 2000063699	A	29-02-2000	KEINE	